

Title (en)

ULTRAVIOLET-CURABLE COMPOSITION FOR OPTICAL DISK AND OPTICAL DISK USING THE SAME

Title (de)

ULTRAVIOLETT-HÄRTBARE ZUSAMMENSETZUNG FÜR EINE OPTISCHE PLATTE UND OPTISCHE PLATTE DAMIT

Title (fr)

COMPOSITION DURCISSABLE AUX ULTRAVIOLETS POUR UN DISQUE OPTIQUE ET DISQUE OPTIQUE UTILISANT CELLE-CI

Publication

EP 2112660 A4 20101229 (EN)

Application

EP 08704062 A 20080129

Priority

- JP 2008051255 W 20080129
- JP 2007031871 A 20070213

Abstract (en)

[origin: EP2112660A1] An ultraviolet-curable composition of the present invention, which is used for a light transmission layer of an optical disk, includes a urethane (meth)acrylate having an isocyanate structure; and at least one of a monofunctional (meth)acrylate and a difunctional (meth)acrylate, wherein the combined amount of the urethane (meth)acrylate, the monofunctional (meth)acrylate and the difunctional (meth)acrylate is at least 90% by mass of the ultraviolet-curable composition. This ultraviolet-curable composition for a light transmission layer is able to realize an optical disk that exhibits excellent durability even under conditions of high temperature and high humidity, minimal decrease in light reflectance, and excellent adhesion between layers.

IPC 8 full level

C08F 290/06 (2006.01); **C08G 18/79** (2006.01); **C08L 33/14** (2006.01); **G11B 7/24** (2013.01); **G11B 7/24056** (2013.01); **G11B 7/254** (2013.01); **G11B 7/257** (2013.01)

CPC (source: EP US)

C08F 290/06 (2013.01 - EP US); **C08F 290/061** (2013.01 - EP US); **C08F 290/067** (2013.01 - EP US); **C08G 18/4277** (2013.01 - EP US); **C08G 18/4854** (2013.01 - EP US); **C08G 18/672** (2013.01 - EP US); **C08G 18/6725** (2013.01 - EP US); **C08G 18/7621** (2013.01 - EP US); **C08G 18/7831** (2013.01 - EP US); **C08G 18/792** (2013.01 - EP US); **C09D 133/14** (2013.01 - EP US); **C09D 175/16** (2013.01 - EP US); **G11B 7/2542** (2013.01 - EP US); **G11B 7/256** (2013.01 - EP US); **C08L 2312/06** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2112660 A1 20091028; EP 2112660 A4 20101229; CN 101548323 A 20090930; JP 4225370 B2 20090218; JP WO2008099666 A1 20100527; TW 200840829 A 20081016; US 2010067347 A1 20100318; WO 2008099666 A1 20080821

DOCDB simple family (application)

EP 08704062 A 20080129; CN 200880000910 A 20080129; JP 2008051255 W 20080129; JP 2008538062 A 20080129; TW 97104440 A 20080205; US 51662208 A 20080129